Index of Claims

10/649,046 Examiner

Sara W. Crane

Applicant(s)/Patent under Reexamination

BERGER, PAUL R.

Art Unit

2811

Rejected Allowed

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
|   | Interference |

| Α | Appeal   |
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|  | ń  | Г         |          |  | Н  | $\Box$   | _            |  |  | $\neg$          |
|  | 7  | -         | $\vdash$ |  |  | Н  |              | _  | $\neg$   | $\dashv$        |
| _  | 4  | -         | $\vdash$ | $\vdash$   |  | Н  | $\vdash$     | $\dashv$   |  | $\dashv$        |
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|  | -#   | -         | ┝        | <u> </u>   | _  | Н  |              | -  | $\dashv$   | $\dashv$        |
|  | 3  | <u> </u>  | <u> </u> | <u> </u>   | _  | ш  |              | Н  |  |                 |
|  | -61  | _         |          |  |  |  |              | Щ  |  |                 |
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|  | 11   | V         |          |  |  |  |              |  |  |                 |
|  | 122  |           |          |  | П  |  |              |  |  |                 |
|  | 18   |           |          | <u> </u>   | Г  | $\Box$   |              | П  |  |                 |
|  | 10   |           | T        | <del>                                     </del> | Т  | $\vdash$   |              |  |  |                 |
| <del>                                     </del> | 14   | $\vdash$  | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     |  | $\exists$  |                 |
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|  | 4131   |           | ⊢        | ┝  | H  | _  | $\vdash$     |  | _  | $\dashv$        |
|  | - 1/4  | ⊢         | ├        | ⊢  | ⊢  | -  | ┝            |  | -  |                 |
| <u> </u>   | 19   | ⊢         | ├        | -  | _  |  | ⊢            | _  | -  |                 |
|  | 1,90   | -         | <u> </u> | <u> </u>   |  | _  | <u> </u>     |  | Н  | Щ               |
|  | 20   | V         |          | <u> </u>   | ┡  |  | <u> </u>     |  |  |                 |
|  | 21   | <u> </u>  | ᆫ        | L.   | L_   |  |              | Ш  |  |                 |
|  | 222  | _         | L        | _  |  | _  |              |  |  |                 |
|  | 28   | L         |          |  |  |  |              |  |  |                 |
|  | 24   |           |          |  |  |  |              |  |  |                 |
|  | 25   |           |          |  |  |  |              |  |  |                 |
|  | 26   |           |          |  |  |  |              |  |  |                 |
|  | <b>47</b>  | Γ         |          |  |  |  |              |  |  |                 |
|  | 28   | Г         |          |  | П  |  |              |  |  |                 |
|  | 29   |           | П        | Г  | 一  |  |              |  |  |                 |
|  | 30   |           | Г        | _  | Г  |  |              | _  |  | П               |
|  | 11   | 一         | -        | H  | Н  |  | ┢            | _  | $\vdash$   | Н               |
|  | <del>  } </del>  | -         | $\vdash$ | ┢  | <del>                                     </del> |  | ┢            | ┢  | Н  |                 |
| <del>                                     </del> | 33 33 33 33 33   | $\vdash$  | ┢        | -  | $\vdash$   |  | $\vdash$     | <del>                                     </del> | <del>                                     </del> | $\vdash$        |
| -  | <del>                                     </del>   | $\vdash$  | ╁        | $\vdash$   | +-   | $\vdash$   |              |  | $\vdash$   | $\vdash$        |
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|  | <del>  38</del>  | $\vdash$  | <b>├</b> | 1  | $\vdash$   | <del>                                     </del> | -            | -  |  | $\vdash$        |
| ļ  | 130  | -         | ├        | -  | <del> </del>                                     | $\vdash$   | <del> </del> | <del> </del>                                     | $\vdash$   | $\vdash \vdash$ |
|  | 20<br>24<br>22<br>23<br>24<br>25<br>25<br>25<br>25<br>25<br>25<br>25<br>25<br>25<br>25<br>25<br>25<br>25 | ├         | <u> </u> | <u> </u>   | <u> </u>   |  | $\vdash$     | $\vdash$   | <u> </u>   | $\vdash \vdash$ |
| <u> </u>   | 38<br>39   | <u> </u>  | <u> </u> | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>     | ⊢  | $\vdash$   | Щ               |
|  | 39   | 4         | <u> </u> | ــــ   | <u> </u>   |  | <u> </u>     | <u> </u>   | igspace  | Щ               |
| L  | 40   | Ш         | L        |  | <u> </u>   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | <u> </u>     | <u> </u>   | lacksquare                                       | Ш               |
|  | 41   | Ш         | L        | $oxed{oxed}$                                     | $oxed{oxed}$                                     | L  | L            | <u></u>  | <u> </u>   | Ш.              |
|  | 42   | $\coprod$ |          |  | Ĺ  | L  |              | L  | L  |                 |
|  | 43   | П         |          | Π  |  |  |              |  |  |                 |
|  | 44   | IT        |          | Γ  | Γ  |  |              |  |  | П               |
|  | 45   | $\sqcap$  | $\Box$   |  |  |  |              |  | Γ  | П               |
| <b> </b>   | 46   | Ħ         | T -      | F  | <del>                                     </del> |  |              | <del>                                     </del> | <b>-</b>   | Н               |
| <u> </u>   | 47   | ++        | $\vdash$ | $\vdash$   |  | <del>                                     </del> | $\vdash$     | ┢  | Ι-   | Н               |
| <b></b>  | 48   | ╫         | ╁        | -  | +  | $\vdash$   | +-           | -  |  | Н               |
| <b>—</b>   | 49   | ti        | 1        | $\vdash$   | $\vdash$   | $\vdash$   | +-           | $\vdash$   | ╁  | $\vdash$        |
| <u></u>  | 50   | N         | 1        | $\vdash$   | +-   | ⊢  | ├-           |  | -  | Н               |
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|          | 0        | - |         |          |              |              |          |              |                    |  |  |  |  |
|          | 51       | 1 |         |          |              |              |          |              |                    |  |  |  |  |
|          | 52       | П |         |          |              |              |          |              |                    |  |  |  |  |
|          | 53       |   |         |          |              |              |          |              |                    |  |  |  |  |
|          | 54       |   |         |          |              |              |          |              |                    |  |  |  |  |
|          | 55       |   |         |          |              |              |          |              |                    |  |  |  |  |
|          | 56       |   |         |          |              |              |          |              |                    |  |  |  |  |
|          | 57       | L | L       | _        | _            |              |          |              |                    |  |  |  |  |
|          | 58       | L | L       |          |              | •            |          |              |                    |  |  |  |  |
|          | 59       | Ц | L       |          |              |              |          |              |                    |  |  |  |  |
|          | 60       |   | L       |          | L_           |              |          |              |                    |  |  |  |  |
|          | 61       | L | L       | L_       | <u> </u>     |              |          |              |                    |  |  |  |  |
|          | 62       | L | Ļ       |          | _            | Щ            |          |              |                    | _  |  |  |  |
|          | 63       | 1 | 4       | _        | ∟            |              |          |              |                    |  |  |  |  |
|          | 64       | Λ | J       | <u> </u> | <u> </u>     |              |          |              |                    |  | $\vdash$   |  |  |
| <u></u>  | 65       | L | +       | <u> </u> | <del> </del> | ļ            |          | Ш            |                    | <u> </u>   | Щ  |  |  |
| <u> </u> | 66       | L | 1       | <u> </u> | <u> </u>     |              |          |              |                    | <u> </u>   | $\vdash$   |  |  |
|          | 67       | L | 1       | ┡        | <u> </u>     |              | <u> </u> |              |                    | <u> </u>   | Ш  |  |  |
|          | 68       | L | ļ       | <u> </u> | ┞            | _            |          |              |                    | <u> </u>   |  |  |  |
|          | 69       | L | ļ       | <u> </u> | -            | <u> </u>     | L.       | _            |                    | <u> </u>   | _  |  |  |
|          | 70       | L | 1       | <u> </u> | -            | <u> </u>     |          |              |                    | <u> </u>   | -  |  |  |
| -        | 71       | ┞ | ł       | -        | ┝            | _            |          |              | <u> </u>           | _  | $\vdash$   |  |  |
| -        | 72       | ┞ | ╀       | $\vdash$ | -            | <del> </del> | _        | -            | _                  |  | Н  |  |  |
| $\vdash$ | 73<br>74 | ⊦ | ŀ       | ⊢        | -            | ⊢            | -        | -            |                    | <u> </u>   | $\vdash$   |  |  |
| <b>—</b> | 75       | ⊦ | H       | -        | ⊢            | ⊢            | ┝╌       | -            |                    | -  | $\vdash$   |  |  |
|          | 76       | ⊦ | ┞       | -        | -            | ┝            | ├-       | $\vdash$     | _                  | ├─   | Н  |  |  |
|          | 77       | ┝ | t       | ┝        | $\vdash$     | -            |          | H            |                    | ┢  | Н  |  |  |
|          | 78       | ┝ | t       | $\vdash$ | -            | $\vdash$     | $\vdash$ | <del> </del> | _                  | ⊢  | H  |  |  |
| -        | 79       | ┝ | t       | ⊢        | -            | $\vdash$     | -        | -            |                    | ┢  | -  |  |  |
|          | 80       | H | t       | $\vdash$ |              |              | -        |              |                    | ┢  | $\vdash$   |  |  |
| $\vdash$ | 81       | H | t       | -        |              | <u> </u>     | -        |              | _                  | -  | Н  |  |  |
| -        | 82       | t | ۲       | Н        | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$     | _                  | <del>                                     </del> | _  |  |  |
| 1        | 83       | t | t       |          | Н            | _            | $\vdash$ | $\vdash$     |                    | $\vdash$   | <del>                                     </del> |  |  |
|          | 84       | t | 1       | 1        | $\vdash$     | $\vdash$     | $\vdash$ | İ            | Т                  |  | П  |  |  |
|          | 85       | T | 1       |          | T            | T            | T        | $\vdash$     |                    | Г  | Г  |  |  |
|          | 86       | T | 7       |          | T            | ı            | _        | T -          | Г                  | Г  | П  |  |  |
|          | 87       | Γ | 1       |          | 1            |              | Ι_       | Γ            |                    |  |  |  |  |
|          | 88       | Γ | 7       |          | Π            |              |          |              |                    |  |  |  |  |
|          | 89       | Γ | 7       |          |              | L            |          |              |                    |  |  |  |  |
|          | 90       |   | 1       |          |              |              |          |              |                    |  |  |  |  |
|          | 91       | r | l,      |          |              |              |          |              | L                  |  |  |  |  |
|          | 92       |   |         |          |              |              |          |              |                    |  |  |  |  |
|          | 93       | L |         |          |              |              |          |              |                    |  |  |  |  |
|          | 94       | Ĺ |         |          |              |              |          |              |                    | 匚  |  |  |  |
|          | 95       | Ĺ |         |          |              |              |          |              |                    | L  |  |  |  |
| L        | 96       | L |         | _        | lacksquare   | L_           | L        | <u> </u>     | $ldsymbol{oxed}$   | <u> </u>   | L_   |  |  |
| L        | 97       | L |         | L        | ┖            | <u> </u>     | _        | oxdot        |                    | $oxed{oxed}$                                     |  |  |  |
|          | 98       | L |         |          | 匚            | _            | Ш        |              | $oxedsymbol{oxed}$ | $\perp$  |  |  |  |
| L_       | 99       | L |         | _        | _            | L            | L_       | L_           | _                  | <u>L</u>   | <u> </u>   |  |  |
|          | 100      |   |         |          | 1            | L.           | <u>L</u> |              |                    | <u> </u>   |  |  |  |

| Claim         |                                 | Date          |        |          |   |   |          |          |         |          |  |
|---------------|---------------------------------|---------------|--------|----------|---|---|----------|----------|---------|----------|--|
| I             |                                 |               |        |          |   |   |          |          |         |          |  |
| <u>च</u>      | Original                        |               |        |          |   |   |          |          |         |          |  |
| Final         | rig                             |               |        |          |   |   |          |          |         |          |  |
|               |                                 |               |        |          |   |   |          |          |         |          |  |
|               | 101                             | _             |        |          |   |   |          | _        |         |          |  |
|               | 102                             | _             |        | П        |   |   |          |          |         |          |  |
|               | 101<br>102<br>103               |               |        |          |   |   |          | _        |         |          |  |
|               | 104                             | _             |        | П        |   |   |          |          |         |          |  |
|               | 105                             |               |        |          |   |   |          |          |         |          |  |
|               | 105<br>106                      |               |        |          |   |   |          |          |         |          |  |
|               | 107                             |               | Г      | Г        | _ |   |          |          |         |          |  |
|               | 108                             |               |        |          |   |   |          |          |         |          |  |
|               | 109                             |               |        |          |   |   |          |          |         |          |  |
|               | 110                             |               |        |          |   |   |          |          |         |          |  |
|               | 111_                            |               |        | 1        |   |   |          |          |         |          |  |
|               | 112                             |               | Г      | Π        |   |   |          |          | П       |          |  |
|               | 113                             |               | Г      | T        |   |   |          |          |         |          |  |
|               | 114                             | $\overline{}$ |        | T        |   |   |          | T        |         |          |  |
|               | 113<br>114<br>115               |               | Г      |          |   |   |          |          |         | $\sqcap$ |  |
|               | 116                             |               | Г      | Γ        | • | Г |          |          | Г       | $\Box$   |  |
|               | 116<br>117                      | <u> </u>      |        |          |   |   |          | Г        | Γ       | $\Box$   |  |
|               | 118                             |               |        |          |   |   | $\vdash$ | $\vdash$ | Г       |          |  |
|               | 118<br>119                      | Г             |        | $\vdash$ |   |   |          |          |         |          |  |
|               | 120<br>121<br>122<br>123        | _             |        | Т        |   |   |          |          |         |          |  |
|               | 121                             | Г             |        |          |   |   | _        |          |         |          |  |
|               | 122                             |               |        | _        |   |   | $\vdash$ |          |         |          |  |
| $\overline{}$ | 123                             |               |        |          |   |   |          |          | Г       |          |  |
|               | 124                             |               |        | Г        |   |   |          |          |         |          |  |
|               | 125                             |               |        |          |   |   |          |          |         |          |  |
|               | 124<br>125<br>126<br>127<br>128 |               | ·      | T        |   |   |          |          |         |          |  |
|               | 127                             |               |        |          |   |   |          |          |         |          |  |
|               | 128                             |               |        |          |   |   |          |          |         |          |  |
|               | 129                             |               |        |          |   |   |          |          |         |          |  |
|               | 129<br>130                      | Г             | Г      |          |   |   |          |          |         |          |  |
|               | 131                             |               |        |          |   |   |          |          |         |          |  |
|               | 132<br>133                      |               |        |          |   |   |          |          |         |          |  |
|               | 133                             | Г             | Г      |          |   |   |          |          |         |          |  |
|               | 134                             |               | $\Box$ |          |   |   |          |          |         |          |  |
|               | 135                             |               | Ĺ      |          |   |   |          | L        | Ľ       |          |  |
|               | 136                             |               | L      | 匚        |   |   |          | L        |         |          |  |
| `             | 137                             |               | 匚      | 匚        |   |   |          |          | 匚       | ╚        |  |
|               | 138                             |               |        |          |   |   |          | <u> </u> | $\Box$  | Ш        |  |
|               | 139                             |               |        | <u></u>  | L |   |          | _        | <u></u> | Ш        |  |
|               | 140                             |               |        |          |   |   |          | _        | L       |          |  |
|               | 141                             |               |        |          |   |   |          | $\Box$   |         | Ш        |  |
|               | 142                             |               |        | $\Box$   |   |   |          |          |         | igsqcup  |  |
|               | 143                             |               |        | 匚        | 匚 |   |          | L        |         |          |  |
|               | 144                             | $\Box$        | 匚      |          |   |   | L        | L        | L       |          |  |
|               | 145                             |               |        |          |   |   | L_       | L        |         |          |  |
|               | 146                             | $\Box$        | L      | L        |   |   |          |          |         |          |  |
|               | 147                             | L             |        |          | L |   |          |          |         |          |  |
|               | 148                             | L             |        |          |   |   | Ĺ        |          |         |          |  |
|               | 149                             |               |        |          |   |   |          |          |         |          |  |
|               | 150                             |               |        |          |   |   |          |          |         |          |  |